



## Universal CPU Cooler

**RF-UCPUCF**

**User Guide**



# Rocketfish RF-UCPUCF Universal CPU Cooler

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## Introduction








Congratulations on your purchase of a high-quality Rocketfish product. Your RF-UCPUCF represents the state of the art in universal CPU cooler design and is designed for reliable and trouble-free performance.




# Features

- Low-profile design for HTPC (Home Theater Personal Computer) and slim-type chassis
- Comprehensive cooling solution that cools the CPU and surrounding components
- Universal design for Intel LGA775 and AMD AM2/754/939/940 CPU sockets
- High cooling performance using 100% pure copper base, two heatpipes, aluminum fins, and multiple air inlets
- Easy installation design
- Super silent at only 18 dBA at 800 RPM.

## Package contents

A		CPU cooler (1)
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B		Thermal grease (1)
C		Large screws (4)
D		LGA 775 retention plates (2)
E		Small screws (4)
F		Anti-vibration soft pads (4)
G		Insulating cushions (4)
H		Nuts (4)

J		Hexagonal wrench (1)
K		Metal plate (1)
L		K8 retention bracket (1)

## System requirements

- Intel LGA775 processor or AMD AM2/754/939/940 processor

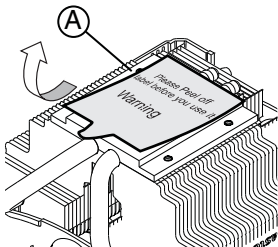
# Installing the CPU cooler

## Preparing to install

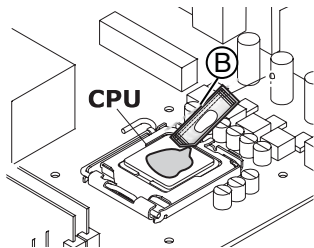
### *To prepare to install:*

- 1 Select the correct retention plate(s) for your CPU.
- 2 Mount the retention plate(s) to the CPU cooler.

- 3 Remove the protective cover from the bottom of the CPU cooler (A).



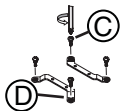
- 4 Apply a thin layer of thermal grease (B) onto the surface of the installed CPU.



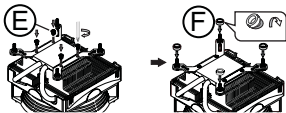
## Installing the CPU cooler on an Intel LGA775 CPU

*To install the CPU cooler onto an Intel LGA775 CPU:*

- 1 Install the four large screws (C) **counterclockwise** into the two LGA775 retention brackets (D).

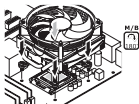


- 2 Attach the retention brackets to the bottom of the CPU cooler with the small screws (E), with the large screws pointing up, then insert the anti-vibration pads (F) onto the screws.





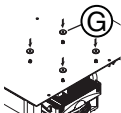
- 3 Turn the CPU cooler assembly over and place it on the CPU, aligning the screws on the retention brackets with the installation holes in the system board.



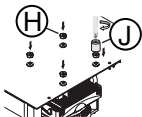
- 4 Hold the CPU cooler in place and turn the system board over.

**Caution:** Exercise extreme caution so that no components are damaged when handling the system board.

- 5 Attach the insulating cushions (G) onto the mounting screws of the mounting brackets that project through the system board.



- 6 Install four nuts (H) onto the four mounting bracket screws, then tighten the nuts with the hexagonal wrench (J).

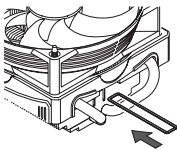


- 7 Go to "Connecting the fan cable" on page 13.

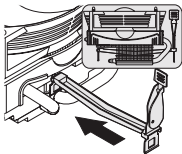
## **Installing the CPU cooler on an AMD AM2/K8 (socket 745/939/940) CPU**

***To install the CPU cooler onto an AMD AM2/K8 CPU:***

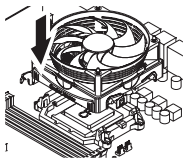
- 1 Slide the metal plate (K) into the slot of the CPU cooler (between the aluminum fins and the fan itself).



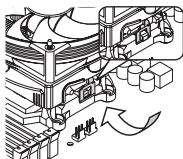
- 2 Slide the K8 retention bracket (L) into the same slot so that it rests on the metal plate.



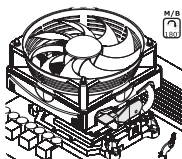
- 3 Align the CPU cooler assembly over the CPU, then gently lower the assembly onto the system board.



- Secure the CPU cooler assembly to the mounting posts by hooking one end of the mounting bracket (the end without the tightening cam) over the outboard mounting post (the one toward the edge of the system board).



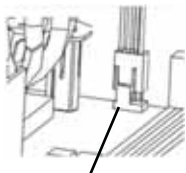
- Hook the other end of the mounting bracket (the one with the tightening cam) over the inboard mounting post, then press the cam tightener in toward the system board until it locks.



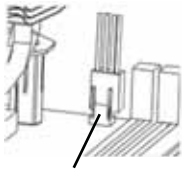
## Connecting the fan cable

### *To connect the fan cable:*

- Plug the fan cable into the 3-pin or 4-pin fan connector on the system board.



4-pin fan connector



3-pin fan connector

## FAQ

**Q:** Can I replace the original cooler with another 92 mm fan for better air flow?

**A:** Yes.

**Q:** What is the air flow output from the cooler?

**A:** 51.08 MCF

**Q:** Can the CPU cooler support AMD black package 5000?

**A:** Yes.

**Q:** What is the “dB” when the cooler is spinning at full speed?

**A:** 35 dB

# Specifications

<b>Socket type</b>	<ul style="list-style-type: none"><li>• Intel LGA775</li><li>• AMD K8, AM2</li></ul>
<b>Heat sink dimensions</b>	4.42 × 4.27 × 2.97 inches (11.23 × 10.84 × 7.54 cm)
<b>Heat sink material</b>	Copper base/2 heatpipes/aluminum fins
<b>Fan dimensions (L × W × H)</b>	3.62 × 3.62 × 2.5 inches (9.2 × 9.2 × 2.5 cm)
<b>Fan speed</b>	800~2200 rpm
<b>Bearing type</b>	Long-life sleeve
<b>Fan life expectancy</b>	40,000 hours
<b>Fan noise level (dB-A)</b>	18 dBA~35 dBA
<b>Connector</b>	4-pin
<b>Weight</b>	10.86 ounces (307.81 g)
<b>Voltage</b>	12 V
<b>Fan speed adjustment</b>	PWM mode
<b>Certifications:</b>	UL Certificate (file no. E189887)





## One-year limited warranty

Rocketfish Products ("Rocketfish") warrants to you, the original purchaser of this new **RF-UCPUCF** ("Product"), that the Product shall be free of defects in the original manufacture of the material or workmanship for one (1) year from the purchase of the Product ("Warranty Period"). This Product must be purchased from an authorized dealer of Rocketfish brand products and packaged with this warranty statement. This warranty does not cover refurbished Product. If you notify Rocketfish during the Warranty Period of a defect covered by this warranty that requires service, terms of this warranty apply.

### **How long does the coverage last?**

The Warranty Period lasts for one year (365 days), beginning on the date you purchased the Product. The purchase date is printed on the receipt you received with the product.

### **What does this warranty cover?**

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Rocketfish repair center or store personnel, Rocketfish will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2)

replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Rocketfish and are not returned to you. If service of Products and parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Rocketfish Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

### **How to obtain warranty service?**

If you purchased the Product at a retail store location, take your original receipt and the Product to the store you purchased it from. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from an online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

### **Where is the warranty valid?**

This warranty is valid only to the original purchaser of the Product in the United States and Canada.

## **What does the warranty not cover?**

This warranty does not cover:

- Customer instruction
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as lightning strikes
- Accident
- Misuse
- Abuse
- Negligence
- Commercial use
- Modification of any part of the Product, including the antenna

This warranty also does not cover:

- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage supply
- Attempted repair by anyone other than a facility authorized by Rocketfish to service the Product
- Products sold as is or with all faults
- Consumables, such as fuses or batteries
- Products where the factory applied serial number has been altered or removed

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. ROCKETFISH SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. ROCKETFISH PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Contact Rocketfish:

For customer service please call 1-800-620-2790  
[www.rocketfishproducts.com](http://www.rocketfishproducts.com)

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